

Bibliographic record

ONDŘÁČKOVÁ, Radka. *Application of physiotherapy in treating myasthenia gravis*. Prague: Charles University, 2nd Faculty of Medicine, Department of Rehabilitation and Sports Medicine, 2015, p. 90, Supervisor of the work: Doc. PaedDr. Libuše Smolíková, Ph.D.

Abstract

Myasthenia gravis is an autoimmune disease affecting the neuromuscular transmission. It manifests in muscular weakness and tiredness, which characteristically fluctuate and change throughout the time. The most typically affected muscles are extraocular, mimic, oropharyngeal and the muscles of lower and upper extremities. The danger of respiratory difficulties is aggravated by worsening physical condition, which comes as a consequence of muscular weakness and with the onset of the myasthenic crisis. The work is focused on the use of respiratory physiotherapy and aerobic physical activity in patients with myasthenia gravis. The aim is to verify the effect of respiratory physiotherapy and aerobic physical activity to improve lung function and condition, and the disease stabilization.

Keywords

Myasthenia gravis, neuromuscular disease, physiotherapy, respiratory physiotherapy, aerobic training